

CLAIMS

Claims 1-8 (canceled)

9. (previously presented) A clock modulated signaling system comprising:
- an input data interface means to provide control signal generation and selection means of shaped clock signals;
 - a quadrature modulator for quadrature modulating the shaped clock baseband signal;
 - an interface means to provide signal processing means for modulating the clock modulated baseband signal by means of a cross-correlated quadrature modulator system;
 - an output amplifier means to connect the cross-correlated quadrature modulated signal to the demodulator;
 - demodulation means to demodulate the received quadrature modulated signal; and
 - signal processor means to decode and regenerate the shaped clock signals.

Claims 10-13 (canceled)

14. (original) A method of signaling using clock modulated signals, said method comprising:
- selecting at least one shaped clock signal;
 - cross-correlating and quadrature modulating said selected at least one shaped clock signal;
 - amplifying said cross-correlated quadrature modulated signal;
 - transmitting said amplified cross-correlated quadrature modulated signal;
 - receiving said transmitted amplified cross-correlated quadrature modulated signal;
 - demodulating said received signal; and
 - decoding said received demodulated signal and regenerating said clock signal.